

FIG. 1

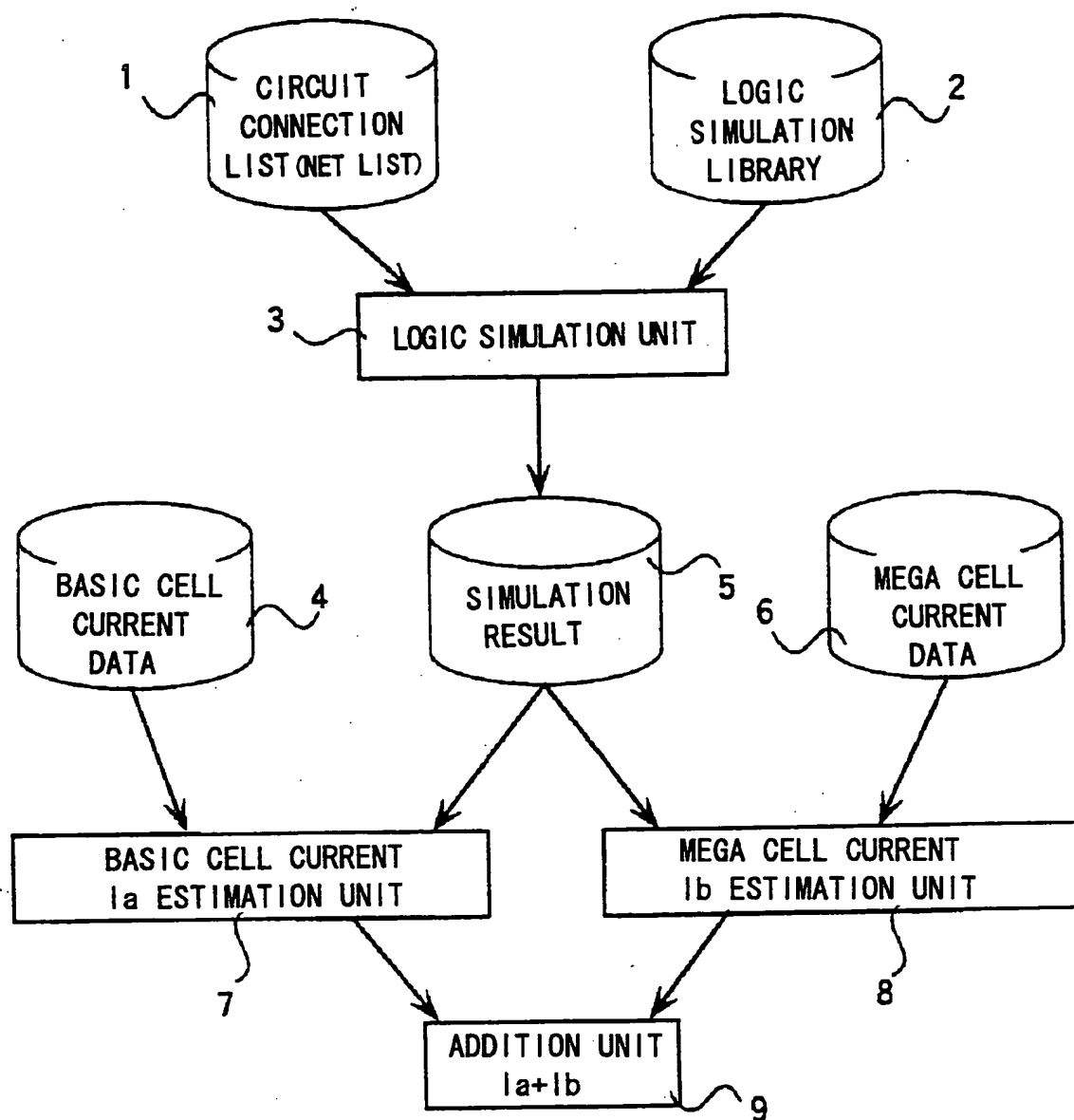


FIG. 2

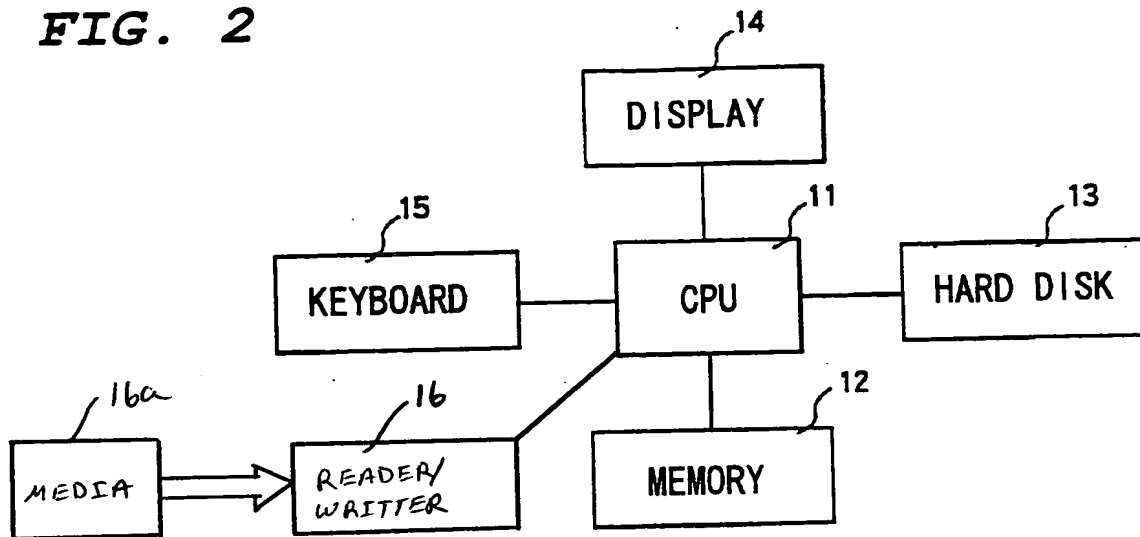


FIG. 3

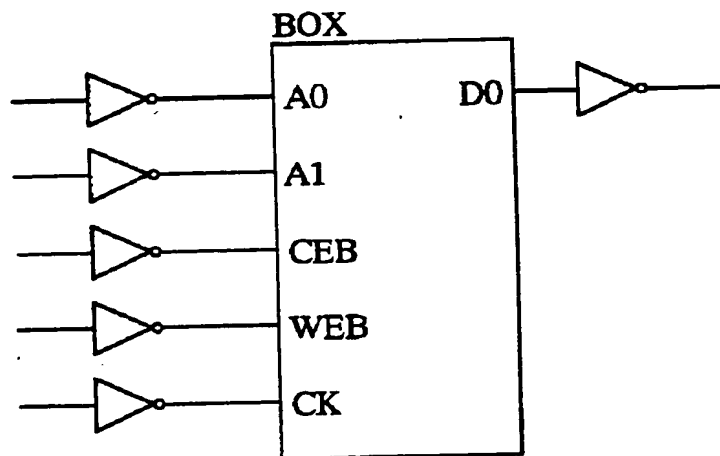


FIG. 4

CELL NAME	RAM
CELL TYPE	SYNCHRONOUS
FREQUENCY SIGNAL	CK
STATE LIST	standby, read, write

FIG. 5

STATE	STATE DEFINING CONDITION	AC CURRENT	DC CURRENT
standby	CEB=1	0	S
read	WEB=1 && CEB=0	$X \times f$	D0-Z(1)
write	WEB=0 && CEB=0	$Y \times f$	0

FIG. 6

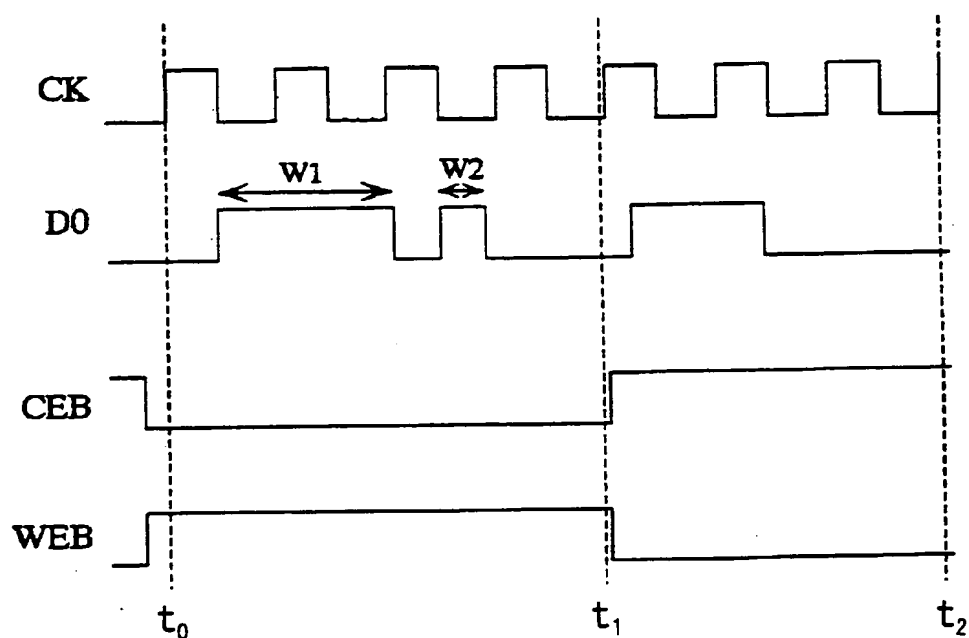


FIG. 7

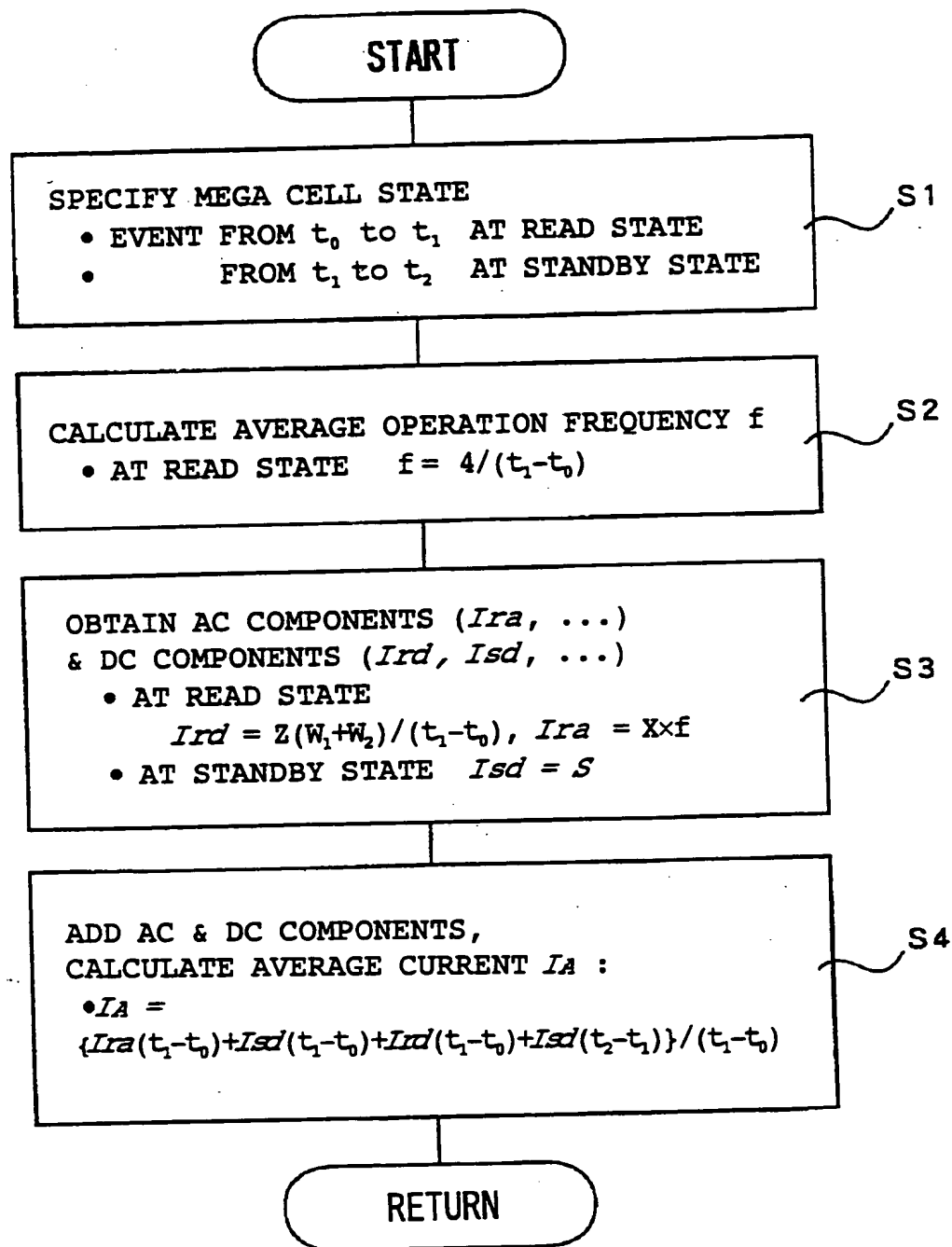


FIG. 8

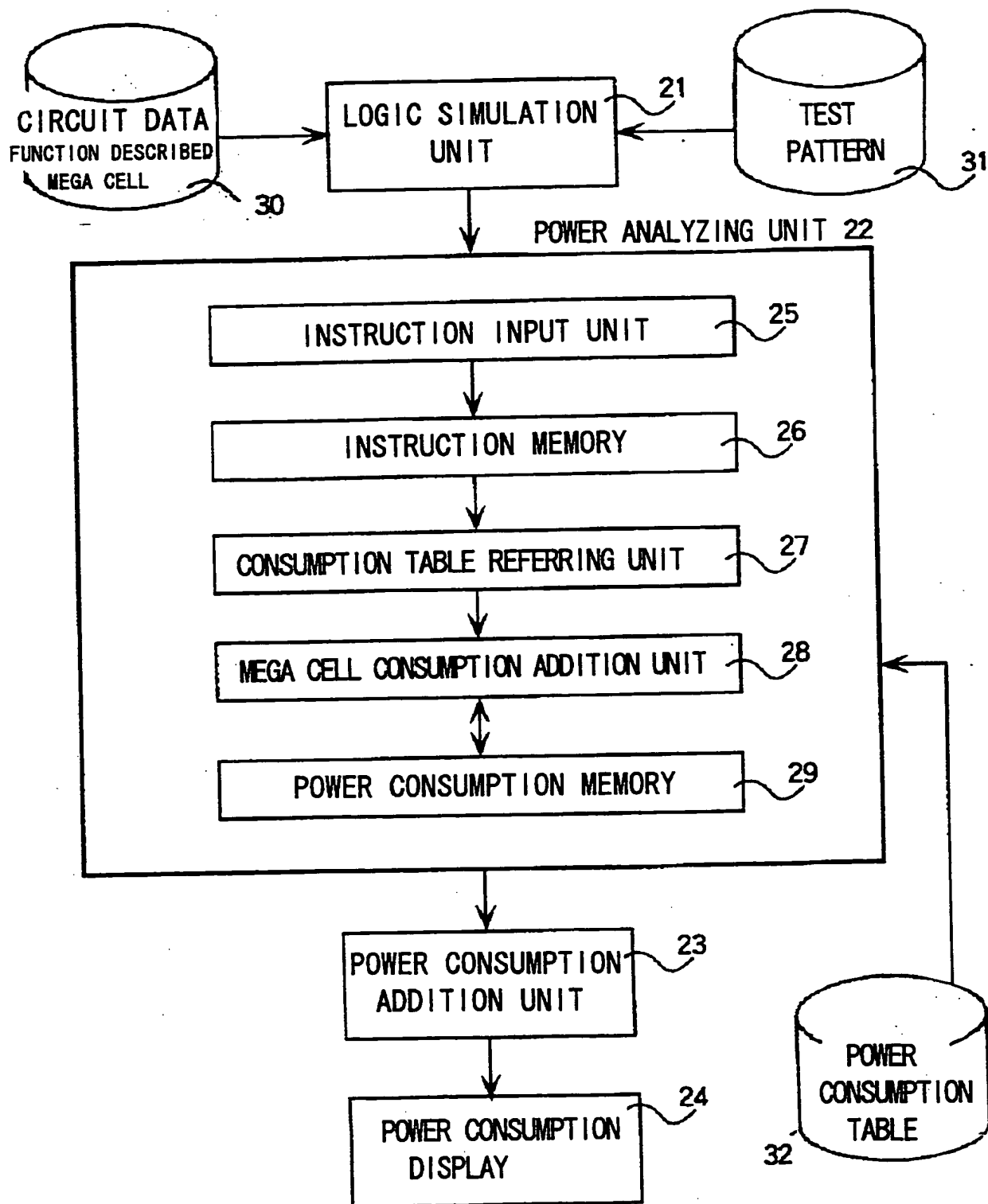


FIG. 9

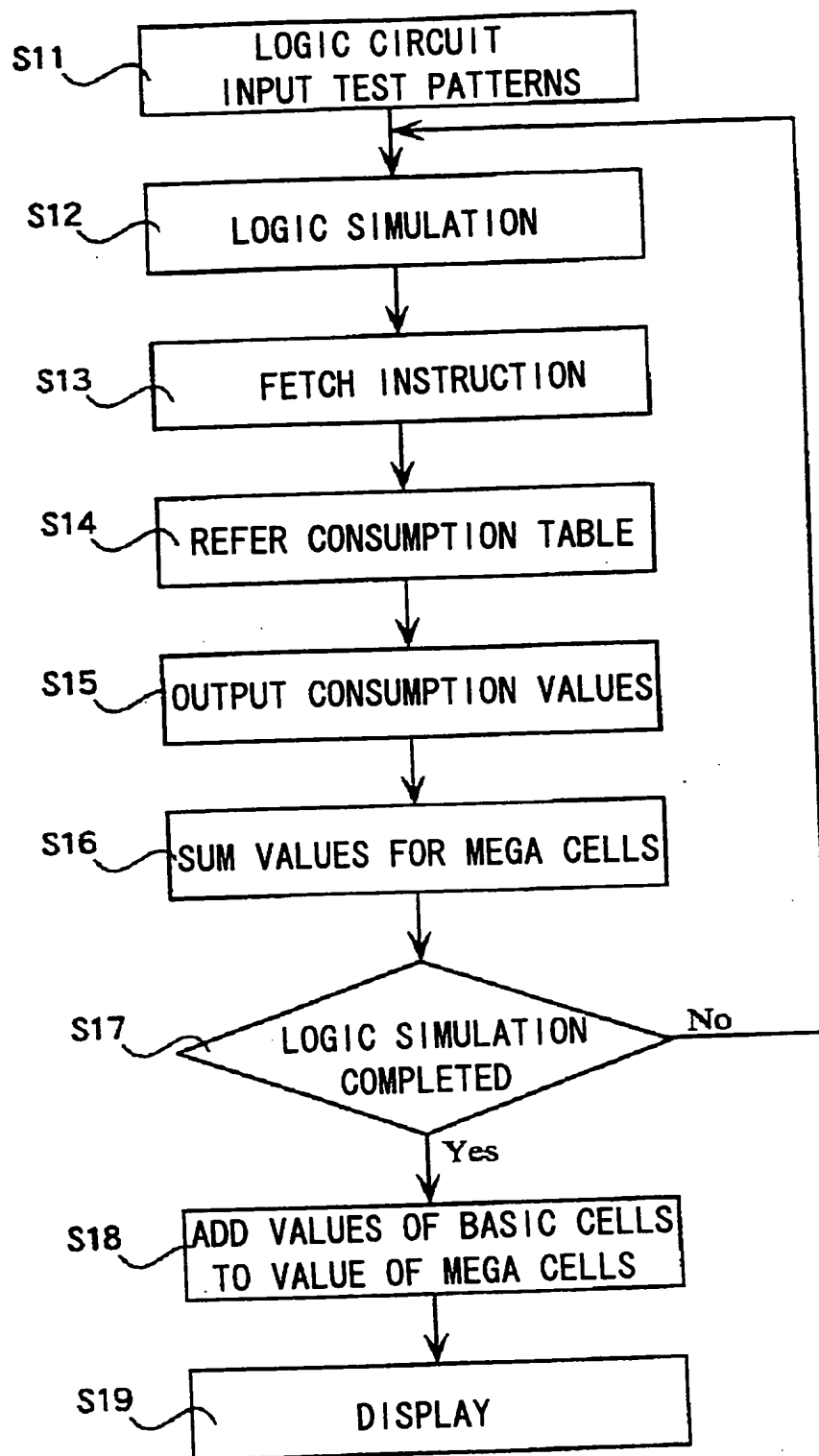


FIG.

1

INSTRUCTION	POWER CONSUMPTION
ADD	W0
LDA	Wa
STA	Wb

2025-11-14 14:24:24

FIG. 11

```

      .
always begin
      .
      Inst_LDA;
      .
      Inst_STA;
      .
end
      .
task Inst_LDA;
begin
      .
      $PowerAnalysis("LDA");
end
endtask
      .
task Inst_STA;
begin
      .
      $PowerAnalysis("STA");
end
endtask
      .

```